<div align="center">**Renewable Energy Initiative**
Wednesday, July 18, 2007 2:00pm-4:00pm</div>

<u>**Minutes**</u>

I. The influence diagram was reviewed. A copy of the diagram is posted on the website. The was discussed with the following comments:
    - Reviewed policy option ES4, Public Benefit Charge Funds, it was recommended following variations in mind
      - Clean energy development fund
      - Blue skies –buy green tags from developers
      - Feed-in Tarrifs
    -Define *cost effective* renewables
      - Traditional utility view is least cost and least risk
      - May be interest in broadening the definition
      - Need to consider financing mechanisms
      - Should create sub-group to discuss cost effective in depth
      - Poverty and environmental justice issues
    -Need new item on influence diagram, "Regulatory Influence"
    -Need to consider effect/impact of a generation resource type on system reliability & operation.
      - Intermittent vs dispatchable
      - Integration issues

II. The force field diagram was reviewed and the following comments were made:
    -Government regulations are a big factor
      - Permitting
      - Right of Way
      - Land use stipulations
      - Multiple layers
      - Long lead times
    -Need to develop Smart Grid
      - Tied to infrastructure costs
      - Add technology cost on relative costs of resources
        o Is smart grid required?

III. Philip Powlick from the State Energy Program presented on the stated current energy mix and on the renewables landscape. The presentation can be found at http://www.deq.utah.gov/Issues/REIFG/index.htm
    -Utah's current electric capacity and generation was discussed
    -Utah has the 6th cheapest electricity costs in the nation
    -The estimated costs of renewables in Utah was addressed (Wind and Geothermal are the most cost effective renewables and competitive with fossil fuels, where as Solar PV was expensive)
    -National models predicting renewable potential should be updated with on the ground data